

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-030291

(43)Date of publication of application : 02.02.1996

(51)Int.Cl. G10L 3/00  
G10L 3/00  
G06F 17/28  
G06F 17/27  
// G06F 9/45

(21)Application number : 06-161961

(71)Applicant : RICOH CO LTD

(22)Date of filing : 14.07.1994

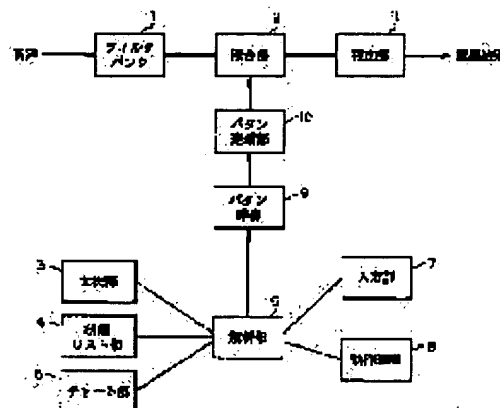
(72)Inventor : KATO YOSHINAGA  
ITO HIDEO

## (54) CONTINUOUS VOICE RECOGNITION SYSTEM

### (57)Abstract:

**PURPOSE:** To reduce the collating range of voice recognition and to conduct a high speed collation by employing a sentence structure analysis section which is simple in its mechanism and has a smaller amount of storage.

**CONSTITUTION:** A filter bank 1 conducts a frequency analysis of an inputted voice. An analysis section 6 analyzes the voice symbol column using a grammar. A collating section 2 decides the class to which the inputted voice belongs. An input section 7 stores an ending symbol and two location numbers. A chart section 5 stores the ending symbol or a non-ending symbol. A grammar section 3 stores a context free grammar. An operation list section 8 stores an LR list. Having the above constitution, a specific class is introduced as the collating object of an unknown inputted voice.



## LEGAL STATUS

[Date of request for examination] 13.07.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office